Session 1:
Welcome and Introductions

Joe Morrison, Acting Head

Computational AeroSciences Branch

Facilities and Emergency Egress

- Restrooms
  - Down the hall in either direction
- Emergency Exit
  - Back down the same stairwell and exit the building
- Lunch
  - Cafeteria diagonally across the parking lot
  - NASA gift shop in the cafeteria available during lunch hours
- Snacks
  - Coffee, soft drinks, light snacks provided
  - Vending machines available just inside the 1st floor stairwell door

Administrative Details

- Need to stay on schedule, but please do not hesitate to ask questions
  - FUN3D team members are on-hand to assist you throughout the workshop – look for badges with **FUN3D Development Team**
  - WebEx participants: feel free to ask questions at any time
    - Use of the WebEx "chat" feature is preferred – a FUN3D team member will be monitoring the chat continuously during the workshop and can interact with you and the local group as needed
- Room 133 downstairs is available all three days for break-out/one-on-one sessions
- Facility tours Wednesday morning if interested
  - Langley computational facilities
  - 14 x 22 subsonic wind tunnel facility
- Dinner tonight
  - 7 pm, Olive Garden – reservation for 40 under "Nielsen"
  - Maps provided - 1049 West Mercury Blvd, Hampton
  - Please confirm attendance on sign-up sheet
- Exit survey Wednesday afternoon
  - Very interested in your feedback, good or bad!

The FUN3D Development Team

fun3d-developers@lists.nasa.gov

- Consists of ~15 researchers across several branches at Langley
  - Computational AeroSciences Branch
  - Aerothermodynamics Branch
  - Flow Physics and Controls Branch
- Some people are full-time FUN3D, others part-time
- Also external groups such as Georgia Tech, National Institute of Aerospace (NIA)
- Open to other interested parties joining us!
  - Remote, real-time, read/write access to FUN3D repository is available

Team Member Introductions
- Name
- Organization
- Research Areas

The FUN3D Support Team

fun3d-support@lists.nasa.gov

> **"Who sees my questions to the support alias?"**

- Consists of 11 members of the development team
- All are NASA civil servants
  - Proprietary/sensitive data can be shared/discussed: all are bound by Trade Secrets Act
- Members: Karen Bibb, Bob Biedron, Jan-Renee Carlson, Peter Gnoffo, Dana Hammond, Bill Jones, Bil Kleb, Beth Lee-Rausch, Eric Nielsen, Mike Park, Jeff White

Myth: Our job is to develop a production-level tool and support users.
Reality: **None** of us are funded at **any** level to support users, maintain documentation, keep up a website, run training workshops, etc. The team is funded solely to perform their individual research efforts.

> *We squeeze in code support, etc in our copious free time,*
> *out of the kindness of our hearts. We enjoy doing so,*
> *but please be patient and remember this when asking for help!*

The FUN3D User Community

fun3d-users@lists.nasa.gov

- Users across NASA
- Distributed to hundreds of external organizations
  - Individuals
  - Industry
  - Academia
  - Other Government Agencies
- Broad variety of applications being simulated across the speed range

<u>Workshop Participant Introductions</u>
- Name
- Organization
- Research Areas / Intended Applications

Questions?

Fully Unstructured Navier–Stokes